

Docket No.: 50023-149

#3A
DEPT. 11A
1-28-02
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yusuki MONOBE, et al

Serial No.: 09/914,573

Filed: August 31, 2001



Group Art Unit: 2622

Examiner:

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DEC 10 2001

Technology Center 2600

For: DOCUMENT IMAGE PROCESSOR, METHOD FOR EXTRACTING DOCUMENT
TITLE, AND METHOD FOR IMPARTING DOCUMENT TAG INFORMATION

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examination of the above-referenced application, please amend the application as follows:

IN THE CLAIMS:

Please amend Claims 1, 5, 6, 7, 11, 15, 16, and 11 as follows:

1. A document image processor comprising image inputting means preparing document images by reading a paper document, region dividing means dividing the document image into a plurality of regions, and title-region extracting means extracting title regions from the entire regions according to a region average character size equivalent to an average size of characters that is calculated per region divided by the region dividing means,

wherein the title-region extracting means compares each region average character size and an extracting [criterion] criteria respectively; the extracting [criterion] criteria that is a total average character size multiplied by an extracting parameter; the total average character size calculated as a value equivalent to an average size of all characters included in the entire regions: and extracts as a title region regions with the region average character size larger than the extracting [criterion] criteria.